

## Publications

1. Downs S.H., More S.J., Goodchild A.V., Whelan A.O., **Abernethy D.A.**, Broughan J.M., Cameron A., Cook, A.J., de la Rua-Domenech R., Greiner M., Gunn J., Nunez-Garcia J., Rhodes S., Rolfe S., Sharp M., Upton P.A., Vordermeier H. M., Watson E., Welsh M., Woolliams J.A., Clifton-Hadley R.S. and Parry J.E. Evaluation of the methodological quality of studies of the performance of diagnostic tests for bovine tuberculosis in cattle, using QUADAS adapted for the veterinary field. (2018). *Preventive Veterinary Medicine*. Volume 153, 108-116
2. Nunez-Garcia J., Downs S.H., Parry J.E., **Abernethy D.A.**, Broughan J.M., Cameron A.R., Cook A.J., de la Rua-Domenech R., Goodchild A.V., Gunn J., More S.J., Rhodes S., Rolfe S., Sharp M., Upton P.A., Vordermeier H.M., Watson E., Welsh M., Whelan A.O., Woolliams J.A., Clifton-Hadley R.S., Greiner M. (2018). Meta-analysis of the sensitivity and specificity of ante and post-mortem diagnostic tests for bovine tuberculosis in the UK and Ireland. *Preventive Veterinary Medicine*. Volume 153, Pages 94-107
3. Downs S.H., Parry J.E., Upton P.A., Broughan J.M., Goodchild A.V., Nunez-Garcia J., Greiner M., **Abernethy D.A.**, Cameron A.R., Cook, A.J., de la Rua-Domenech R., Gunn J., Pritchard, E., Rhodes S., Rolfe S., Sharp M., Vordermeier H. M., Watson E., Welsh M., Whelan A.O., Woolliams J.A., More S.J., Clifton-Hadley R.S. (2018). Methodology and preliminary results of a systematic literature review of ante-mortem and post-mortem diagnostic tests for bovine tuberculosis (2018). *Preventive Veterinary Medicine*. Volume 153, Pages 117-126.
4. Courcier, E.A., Menzies, F.D., Strain, S.A.J., Skuce, R.A., Robinson P.A, Patterson, T., McBride, K.R., McCormick, C.M., Walton, E., McDowell, S.W.J. and **Abernethy, D.A.** (2018). *Mycobacterium bovis* surveillance in Eurasian badgers (*Meles meles*) killed by vehicles in Northern Ireland between 1998 and 2011. *Veterinary Record*. 182. 259
5. Bastiaensen P., **Abernethy D.A.** and Etter E. (2017). Assessing the extent and use of risk analysis methodologies in Africa, using data derived from the Performance of Veterinary Services (PVS) Pathway. *Rev. Sci. Tech. Off. Int. Epiz.*, 2017, 36 (1).
6. Madeira S., Manteigas A., Ribeiro R., Otte J., Fonseca P., Caetano1 P., **Abernethy D.** & Boinas F. (2017). Factors that influence *Mycobacterium bovis* infection in red deer and wild boar in an epidemiological risk area for tuberculosis of game species in Portugal. *Transboundary and Emerging Diseases*. 64(3):793-804
7. Chipangura J.K., Eagar H., Kgoete M., **Abernethy D.** & Naidoo V. (2016). An investigation of antimicrobial usage patterns by small animal veterinarians in South Africa. *Preventive Veterinary Medicine*. 136. 29 – 38.
8. Campe A., **Abernethy D.A.**, Menzies F.D. & Greiner M. (2016). Latent-class regression models for simultaneously estimating test accuracy, true prevalence and risk factors for *Brucella abortus*. *Epidemiology and Infection*. 144 (9):1845-56. Doi: 10.1017/S0950268816000157.
9. O'Hagan, M.J.H., Courcier, E.A, Drewe, J.A, Gordon, A.W., McNair, J. & **Abernethy, D.A.** (2015). Risk factors for visible lesions or positive laboratory tests in bovine tuberculosis reactor cattle in Northern Ireland. *Preventive Veterinary Medicine* 120, 283–290
10. Caetano M., Afonso F., Ribeiro R., Pina Fonseca P., **Abernethy D.** & Boinas F. (2014). Control of bovine brucellosis from persistently infected holdings using RB51 vaccination with test-and-

slaughter: a comparative case report from a high incidence area in Portugal. *Transboundary and Emerging Diseases*, doi:10.1111/tbed.12228.

11. Doyle L.P., Gordon L.P., **Abernethy D.A.** & Stevens K. Bovine tuberculosis in Northern Ireland: Risk factors associated with time from post-outbreak test to subsequent herd breakdown. *Preventive Veterinary Medicine*. 116 (2014) 47–55.
12. **Abernethy D.A.**, Upton P., Higgins I.M., McGrath G., Goodchild A.V., Rolfe S.J., Broughan J.M., Downs S.H., Clifton-Hadley R., Menzies F.D., de la Rua-Domenech R., Blissitt M.J., Duignan A. & More S.J. (2013). Bovine tuberculosis trends in the UK and the Republic of Ireland, 1995–2010 *Veterinary Record*. doi: 10.1136/vr.100969.
13. **Abernethy D.A.**, Menzies F.D., McCullough S.J., McDowell S.W.J., Watt R., Ellis W.A., Gordon A., Greiner M. and Pfeiffer D.U. (2012). Field trial of six serological tests for bovine brucellosis. *The Veterinary Journal* 191 (2012) 364–370.
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17. Menzies F.D., **Abernethy D.A.**, Stringer, L.A. & Jordan, C. (2011). A comparison of badger activity in two areas of Northern Ireland. *Veterinary Microbiology* 151, 112–119.
18. McGrath G., **Abernethy D.**, Stringer L. and More S.J. (2009). An all-island approach to mapping bovine tuberculosis in Ireland. *Irish Veterinary Journal*. Vol. 62 No. 3 192-197.
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20. Stringer, L.A., Guitian, F.J., **Abernethy, D.A.**, Honhold, N.H. and Menzies, F.D. (2008). Risk associated with animals moved from herds infected with brucellosis in Northern Ireland. *Preventive Veterinary Medicine*, 84:72-84.
21. **Abernethy DA**; Denny GO; Menzies FD; McGuckian P; Honhold N; Roberts AR. (2006). The Northern Ireland programme for the control and eradication of *Mycobacterium bovis*. *Veterinary Microbiology* 112 (2-4), 231-237
22. **Abernethy DA**; Pfeiffer DU; Watt R; Denny GO; McCullough S; McDowell SW. (2000). Epidemiology of bovine brucellosis in Northern Ireland between 1990 and 2000. *Veterinary Record*; 158:717-721

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